



Web Results 11 - 20 of about 6,160 for **interferometer refraction index coefficient expansion wavelength**. (

[PDF] Differential laser-interferometer for thermal expansion measurements

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... **interferometer** allows us to remotely measure the thermal **expansion** of minerals with ... temperature-dependent air **refractive index**. After adjusting the ...

www.minsocam.org/MSA/AmMin/TOC/Articles_Free/2000/Masuda_p297-282_00.pdf - [Similar pages](#)

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... This change in density causes a change in the **index of refraction**. The ... each path of the **interferometer**, λ is the **wavelength** of the light ...

www.iop.org/EJ/article/1464-4258/6/8/007/joa4_8_007.pdf - [Similar pages](#)

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[PDF] Microsoft PowerPoint - MIKES updated line scale interferometer

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... (1998) 'Measurement of the **refractive index** of air and comparison with modified. Edlén's...' Metrologia ... **expansion coefficient** substrates [3.1; 41 ...

www.mikes.fi/documents/upload/mikes_updated_line_scale_interferometer.pdf - [Similar pages](#)

[doc] Physics 209 Laboratory Manual

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... optical properties such as **index of refraction**, absorption, reflection, etc.

... The thermal **expansion coefficient** of copper near room temperature is ...

www.physics.ubc.ca/~phys209/files/interferometry.doc - [Similar pages](#)

[PDF] Page 1 Measuring Thermal Expansion Variations in ULE Glass with ...

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... its recent efforts on **coefficient** of thermal **expansion** (CTE) metrology ...

The change in **index of refraction** was plotted as a function of CTE for each ...

www.corning.com/docs/corporate/discovery_center/innovation_library/2004/NTR100612.pdf - [Similar pages](#)

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... **refractive index**. The thermal **expansion coefficient** was measured by a ...

Refractive index at room temperature 300K at the **wavelength** 780nm can be ...

www.crystalresearch.com/crt/ab35/221_a.pdf - [Similar pages](#)

PHYS 212: The Speed of Light

... **interferometer**, which is very sensitive to small changes in **wavelength**. ...

The **refractive index** of the water slows down the light but its **coefficient** ...

laser.phys.ualberta.ca/~egerton/cðer.htm - 15k - [Cached](#) - [Similar pages](#)

oe magazine - tutorial

... We have shown **refractive-index** change in ULE to correlate with CTE ... we can use an **interferometer** to measure the **coefficient** with spatial resolution ...

oemagazine.com/fromTheMagazine/oct03/tutorial.html - 26k - [Cached](#) - [Similar pages](#)

The NIST Length Scale Interferometer

... used to calculate the **refractive index** of air in the **interferometer** path. ...

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primary.wsp:2											
	Type	L #	Hits	Search Text	DBs	Time Stamp	Cc				
1	BRS	L1	679317	interfer\$	US-PGPUB; USPAT	2005/05/10 08:23					
2	BRS	L2	114756	index with (refraction or refractive)	US-PGPUB; USPAT	2005/05/10 08:26					
3	BRS	L3	76616	coefficient with expansion	US-PGPUB; USPAT	2005/05/10 08:26					
4	BRS	L4	7369	wavelength with (locker or stabilis\$)	US-PGPUB; USPAT	2005/05/10 08:26					
5	BRS	L5	390	1 and 2 and 3 and 4	US-PGPUB; USPAT	2005/05/10 07:57					
6	BRS	L6	5	1 same 2 same 3 same 4	US-PGPUB; USPAT	2005/05/10 07:58					
7	BRS	L7	75	5 and "356"/\$.cols.	US-PGPUB; USPAT	2005/05/10 08:02					
8	BRS	L8	11	5 and "250"/\$.cols.	US-PGPUB; USPAT	2005/05/10 08:04					
9	BRS	L9	58	5 and "359"/\$.cols.	US-PGPUB; USPAT	2005/05/10 08:05					
10	BRS	L10	259	5 not (6 or 7 or 8 or 9)	US-PGPUB; USPAT	2005/05/10 08:06					
11	BRS	L11	199436	temperature with (compensation or stabilis\$)	US-PGPUB; USPAT	2005/05/10 08:26					
12	BRS	L12	389	1 and 2 and 3 and 11	US-PGPUB; USPAT	2005/05/10 08:08					
13	BRS	L13	3	1 same 2 same 3 same 11	US-PGPUB; USPAT	2005/05/10 08:09					
14	BRS	L14	157	12 and "356"/\$.cols.	US-PGPUB; USPAT	2005/05/10 08:15					
15	BRS	L15	47	12 and "250"/\$.cols.	US-PGPUB; USPAT	2005/05/10 08:16					
16	BRS	L16	133	12 and "359"/\$.cols.	US-PGPUB; USPAT	2005/05/10 08:18					
17	BRS	L17	589	12 not (13 or 14 or 15 or 16)	US-PGPUB; USPAT	2005/05/10 08:18					
18	BRS	L18	511	athermal	US-PGPUB; USPAT	2005/05/10 08:27					
19	BRS	L19	589	1 and 2 and 3 and 17	US-PGPUB; USPAT	2005/05/10 08:22					
20	BRS	L20	4	1 same 2 same 3 same 13	US-PGPUB; USPAT	2005/05/10 08:21					
21	BRS	L21	0	19 and "356"/\$.cols.	US-PGPUB; USPAT	2005/05/10 08:21					
22	BRS	L22	126	1 and 2 and 3 and 13	US-PGPUB; USPAT	2005/05/10 08:22					
23	BRS	L23	29	MODAVIS-ROBERT or MODAVIS-ROBERT-A or	US-PGPUB; USPAT	2005/05/10 08:25					
24	BRS	L24	81709	interfer\$	EPO; JPO; IBM_TDB	2005/05/10 08:25					
25	BRS	L25	39658	index with (refraction or refractive)	EPO; JPO; IBM_TDB	2005/05/10 08:26					
26	BRS	L26	24289	coefficient with expansion	EPO; JPO; IBM_TDB	2005/05/10 08:26					
27	BRS	L27	2340	wavelength with (locker or stabilis\$)	EPO; JPO; IBM_TDB	2005/05/10 08:26					
28	BRS	L28	31104	temperature with (compensation or stabilis\$)	EPO; JPO; IBM_TDB	2005/05/10 08:27					
29	BRS	L29	40	athermal	EPO; JPO; IBM_TDB	2005/05/10 08:27					
30	BRS	L30	2	24 and 25 and 26 and 27	EPO; JPO; IBM_TDB	2005/05/10 08:28					
31	BRS	L31	1	24 and 25 and 26 and 28	EPO; JPO; IBM_TDB	2005/05/10 08:29					
32	BRS	L32	0	24 and 25 and 26 and 29	EPO; JPO; IBM_TDB	2005/05/10 08:29					

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